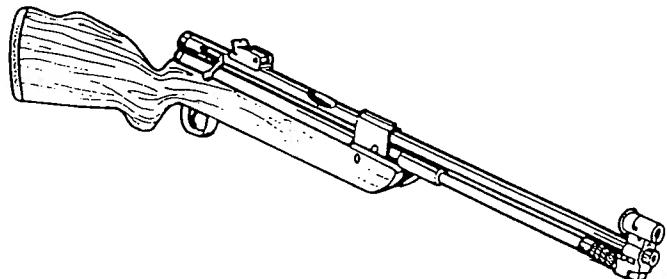


**Benjamin Sheridan**  
Corporation

**Sterling**

**AIR RIFLE**  
MODEL HR 81 & HR 83



**CAUTION:** NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 400 YARDS (360 METRES).

Serial No. \_\_\_\_\_ Model \_\_\_\_\_

## **OPERATING INSTRUCTIONS**

### **1.) CHARGING AND COCKING:**

Hold your Sterling at the pistol grip with your right hand, with the butt of the stock resting against your right hip, slide the cocking lever handle (#59)  $\frac{1}{2}$  inch to the rear. This will release the cocking lever from the front sight assembly. Pull the cocking lever down and towards you until the trigger and sear engage with a click. Now return the cocking lever so that it is held by the cocking lever handle in its original position, in the front sight assembly. Be sure to put safety on immediately thereafter.

### **2.) SAFETY ENGAGEMENT:**

The safety button (#54) is located on the left side of the trigger. A red dot is visible when the safety is not in the safe position. To put the rifle on safe push it down and to the rear. When the safety is in the safe position the red dot will not be visible. To release safety, move it forward and up.

**WARNING: SHOULD THE COCKING LEVER NOT BE RETURNED AND THE TRIGGER IS PULLED, SERIOUS DAMAGE WILL BE CAUSED TO THE RIFLE. THIS COULD ALSO RESULT IN PERSONAL INJURY BECAUSE THE COCKING LEVER WILL MOVE WITH FORCE UP TO THE BARREL.**

### **3.) LOADING:**

With bolt open, place pellet, nose forward in the breech. Push the bolt forward and down into the locking slot.

### **4.) FIRING:**

After releasing the Safety Button (#54) by moving it forward and up, the rifle will be ready to fire.  
**NEVER DRY FIRE THIS RIFLE.**

Dry firing will cause serious damage to it.

## **MAINTENANCE INSTRUCTIONS**

The Sterling's cylinder has been oiled with a general lubricating oil, and the piston, sear, trigger, and mainspring have been greased with a lithium grease. They should not need further lubrication for thousands of shots. Lightly oil the bolt and all hinge pins once or twice a year. After use, wipe the Sterling down with an oiled cloth. This will keep the blued finish in good condition and prevent marking by fingerprints and moisture.

We recommend that you not attempt to remove the mainspring and piston because the mainspring is under 40 lbs. tension when not cocked. This pressure is against the cylinder plug and would have to be counter balanced if it was removed. Any attempt to remove the mainspring, piston, and cylinder plug could be dangerous.

**WARNING: ANY ATTEMPTED MODIFICATION OR SERVICE BY THE OWNER OR ANY OTHER PERSON MAY CAUSE THE RIFLE TO MALFUNCTION AND MAY RENDER IT UNSAFE. THIS MAY VOID THE WARRANTY.**

Any repairs should be performed only by qualified factory personnel. If your Sterling rifle is in need of service, package it carefully and insure for full value. Enclose a note describing desired service and send to our Service Department. An estimate of repair costs will be furnished on request.

**NOTE:** Sterling Air Rifles do not come under the provisions of the 1968 Gun Control Act and can be shipped via UPS.

You now own the radically new Sterling HR 81 (HR 83), a rifle manufactured to exacting specifications using the finest steel, and fitted with a hardwood stock. We have manufactured this rifle up to a standard, not down to a price! Your rifle is built to last. Treat this rifle in accordance with **safety, operating, and maintenance instructions**, and it will give a lifetime of service.

The Sterling was originally designed, produced, and sold by Sterling Armament Co. Ltd. of Great Britain. Benjamin Air Rifle Co. purchased and re-engineered it adding a safety and a fine barrel made by the German firm of Lothar Walther.

The method of loading the Sterling is unique in a spring powered air rifle, and has been adopted to give a fixed alignment of barrel and sight system, yet in a form which allows the pellet to be loaded in a straight line into the breech. This gives the Sterling an advantage over break-barrel rifles.

## **SAFETY INSTRUCTIONS**

The Sterling is a powerful sporting air rifle, and as with **any** air gun it should only be used in accordance with the basic gun handling safety procedures.

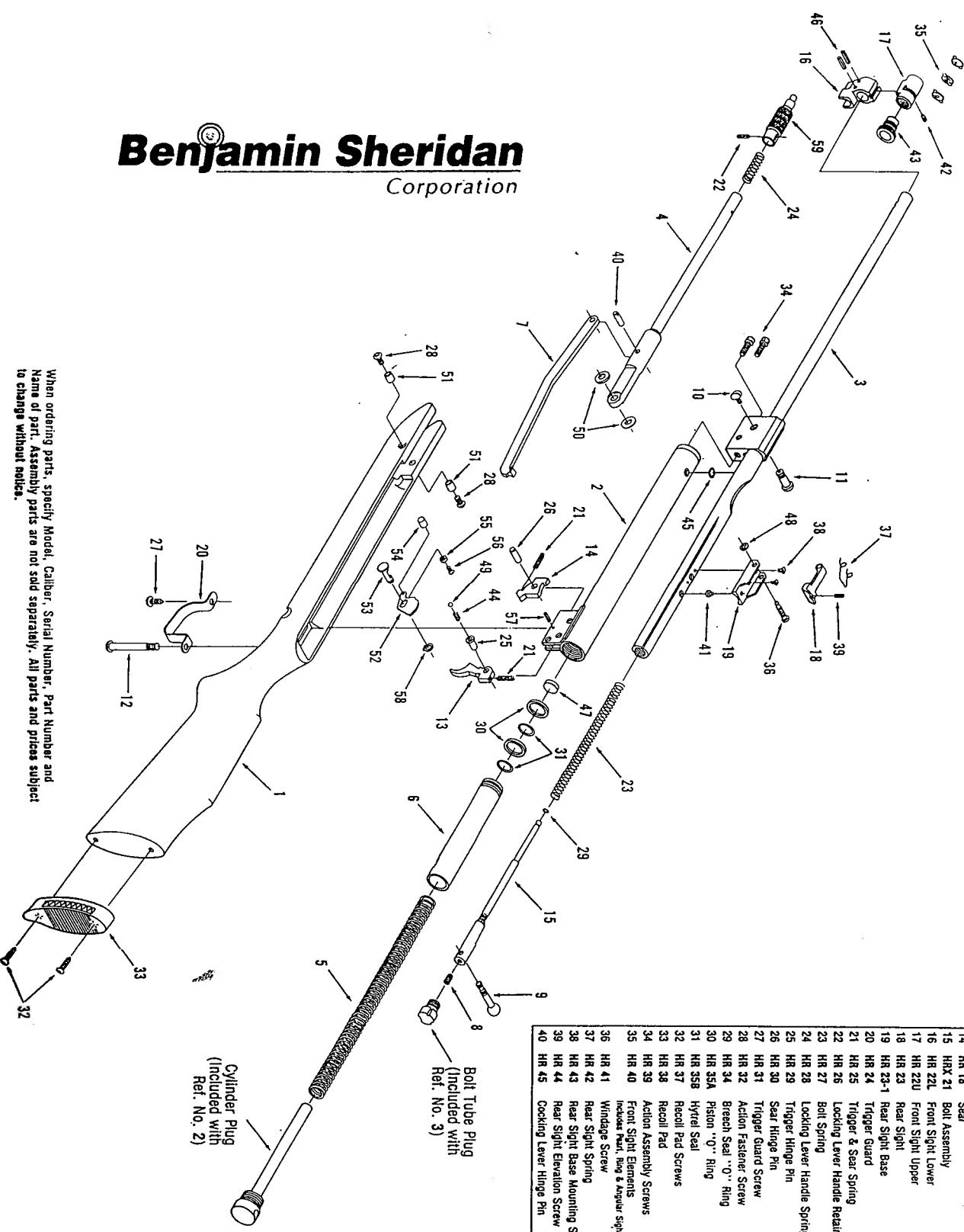
- 1.) Never point a rifle, charged or uncharged, loaded or unloaded, with safety on or off, at or near anything you do not intend to shoot. Always treat your rifle as if it is loaded.
- 2.) Never shoot at anything without a safe background; a miss could let your pellet carry past the intended target and hurt someone or damage something far beyond it.
- 3.) When you are shooting, keep your finger off of the trigger until you are ready to shoot. The correct way to hold a loaded rifle is with the trigger finger laying alongside the trigger guard where it can quickly be placed on the trigger when the chance of a shot presents itself.
- 4.) Always make completely sure the rifle is unloaded and uncocked after use, and kept out of reach of younger members of the family.

## **STATEMENT OF LIABILITY**

This rifle is delivered by us with the express understanding that we assume no liability for its resale or safe-handling. It can be considered as a dangerous weapon if mishandled, abused, instructions ignored, or factory adjustments tampered with. Benjamin Air Rifle Co. assumes no responsibility for physical injury or property damage resulting from its use. We will honor no claims for damage to the rifle resulting from careless handling, unauthorized adjustments, ignoring of instructions, improper ammunition, neglect, or resulting from any part or parts being altered or tampered with.

# **Benjamin Sheridan**

\* PARTS AVAILABLE  
FROM CHAMBERS GUNMAKERS  
[www.chambersgunmakers.co.uk](http://www.chambersgunmakers.co.uk)



1	HR-1-81	Stock
2	HRX 2	Cylinder Assembly
3	HRX 7	Bailey Assembly
4	HRX 6	Cock Lever Assembly
5	HR 8	Mainspring
6	HRX 9	Piston Assembly
7	HR 10	Link Cocking
8	HR 11	Bolt Handle Locking Screw
9	HR 12	Bolt Handle
10	HR 14	Pivot Lock Screw
11	HR 15	Pivot Screw
12	HR 16	Main Trigger Guard Screw
13	HR 17	Trigger
14	HR 18	Sear
15	HRX 21	Bolt Assembly
16	HR 22L	Front Sight Lower
17	HR 22U	Front Sight Upper
18	HR 23	Rear Sight
19	HR 23-1	Rear Sight Base
20	HR 24	Trigger Guard
21	HR 25	Trigger & Sear Spring
22	HR 26	Locking Lever Handle Retaining Pin
23	HR 27	Bolt Spring
24	HR 28	Locking Lever Handle Spring
25	HR 29	Trigger Hinge Pin
26	HR 30	Sear Hinge Pin
27	HR 31	Trigger Guard Screw
28	HR 32	Action Fastener Screw
29	HR 34	Breach Seal "O" Ring
30	HR 35A	Piston "O" Ring
31	HR 35B	Hydr Seal
32	HR 37	Roller Pad Screws
33	HR 38	Roller Pad
34	HR 39	Action Assembly Screws
35	HR 40	Front Sight Elements Includes Part: Sling & Angular Sights
36	HR 41	Windage Screw
37	HR 42	Rear Sight Spring
38	HR 43	Rear Sight Base Mounting Screw
39	HR 44	Rear Sight Elevation Screw
40	HR 45	Cocking Lever Hinge Pin
41	HR 46	Rear Sight Locating Stud
42	HR 47	Upper Front Sight Screw
43	HR 49	Front Sight Element Screw
44	HR 50	Safety Detent Spring
45	HR 52	"O" Ring
46	HR 53	Front Sight Locking Pin
47	HR 54	Piston Bumper
48	HR 57	E Clip
49	HR 58	Safety Detent Ball
50	HR 61	Washer, Spacer
51	HR 63	Action Fastener Screw Bushing
52	HR 64	Safety Plate
53	HR 65	Safety Lock Pin
54	HR 66	Safety Button
55	HR 67	Safety Button Washer
56	HR 68	Safety Button Screw
57	HR 69	Safety Stop
58	HR 70	Safety Lock Pin Retainer
59	HR 71	Locking Lever Handle

When ordering parts, specify Model, Caliber, Serial Number, Part Number and Name of part. Assembly parts are not sold separately. All parts and prices subject to change without notice.